

NATIONAL ACADEMY OF SCIENCES  
COMMITTEE ON INTERNATIONAL SECURITY AND ARMS CONTROL  
2101 Constitution Avenue Washington, D.C. 20418

November 30, 1995

TO: Members of the BW Working Group

FROM: Jo Husbands

SUBJECT: Update

Yesterday I attended a meeting that Anne Harrington organized for government staff involved in biomedical and biotechnology cooperation with Russia. About 25 people attended, including folks from NASA, the Agriculture Department, NIH, and elsewhere. Anne is trying to create a network so that people are aware of what others are doing and share information about institutes and scientists. The meeting also included a classified briefing about facilities known to have been involved in BW work; I am enclosing the unclassified list.

There is great nervousness about being involved with former BW facilities and researchers, and Anne's hope is that sharing information will make people more comfortable and ready to engage in joint work. There is also a policy issue that we will want to talk about: Because of the Congressional suspicion and scrutiny, there is considerable reluctance to engage in the kind of cooperative public health research that we have been advocating, and much more interest in getting the Russians working on other biomedical or biotech problems (e.g., oil-eating bacteria).

Also enclosed is the latest agenda for the upcoming meeting in Pokrov, which included the list of Americans and Europeans who will attend. People are very excited because for the first time about a dozen MOD people are scheduled to take part.

I hope to meet with Anne next week since she wants to ask for our assistance -- I believe it is in efforts to get a broader, more strategic approach to BW conversion work, but she did not have time to tell me much. Also, Harold Smith has invited John Steinbruner to lunch in January for a status report; unfortunately, it is to be after our meeting, but perhaps John will be able to get some clue to report to us on the 19th.

I will report on my meeting with Anne Harrington and keep you posted on other developments. Many thanks. Cheers.

## **BIOLOGICAL INSTITUTES AND PRODUCTION FACILITIES**

1. Scientific Research Institute of Microbiology of the Ministry of Defense of the Russian Federation (SRIM MODRF)
  - a) Kirov--Scientific Research Institute of Microbiology (SRIM)
  - b) Ekaterinburg (Sverdlovsk)--Center for Military Technical Problems in Antibacteriological Defense, SRIM
    - Referred to in the past as Cantonment 19
  - c) Zagorsk--Virological Center, SRIM
2. Scientific Research Institute of Military Medicine of the Ministry of Defense of the Russian Federation imeni Kirov--St Petersburg
3. State Research Center of Virology and Biotechnology "Vector"--Kol'tsovo
  - Formerly known as the State Scientific Research Institute of Molecular Biology
  - Once under BIOPREPARAT (a state-run concern), the Ministry of Science and Technology Policy and Ministry of Defense of the Russian Federation.
  - Part of Production Association "NPO Vector".
4. Scientific Research Institute of Applied Microbiology of the Russian Federation Ministry of Health--Obolensk.
  - Once under BIOPREPARAT.
  - Part of Scientific Production Association "NPO BIOSINTEZ"
5. Berdsk Chemical Plant, a.k.a. Berdsk Plant for Biological Products (under BIOPREPARAT)
6. Omutninsk Chemical Plant (under BIOPREPARAT)
7. Pokrov Plant for Biological Preparations and Scientific Research Institute for Animal Protection (under

Ministry of Agriculture) a.k.a.: Scientific Research Institute of Veterinary Virology and Microbiology.

8. Kurgan Medicinal Preparations Combine "SYNTEZ" (under BIOPREPARAT)

9. Penza Medicinal Preparations Combine "BIOSINTEZ" (under BIOPREPARAT)

10. Gamaleya Scientific Research Institute of Epidemiology and Microbiology-Moscow

11. Ivanovskiy Scientific Research Institute of Virology of the Russian Academy of Medical Sciences

12. Shemyakin Institute

13. "MIKROB" Russian Scientific Research Antiplague Institute--Saratov

--under Russian Federation State Committee for Medical Epidemiological Surveillance

14. Rostov Antiplague Institute

15. Volgograd Antiplague Institute

16. Irkutsk Antiplague Institute of Siberia and the Far East

17. Institute of Ultrapure Biological Preparations--St Petersburg (under BIOPREPARAT)

18. Stavropol Antiplague Institute